

NONREDUCING SUGAR, ITS PRODUCTION, AND ITS USE

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Classification:






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A23C9/156; A23G3/34; A23K1/16;
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A23L1/236; A23L1/314;
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A61K31/70; A61K47/26;
A61K47/36; A61Q7/00;
A61Q11/00; A61Q19/00;
C08B37/00; C12P19/00;
C12P19/12; C12P19/14;
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A23L1/236; A23L1/314;
A61K8/30; A61K9/00; A61K9/28;
A61K31/70; A61K47/26;
A61K47/36; A61Q7/00;
A61Q11/00; A61Q19/00;
C08B37/00; C12P19/00;
C13K13/00; (IPC1-7): A23L1/307;
C08B37/00; A23L1/236;
A61K47/36; C12P19/16;
C12P19/18*

- European:

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A21D2/18E; A23C9/13B;
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A23G3/34E; A23K1/16L;
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 JP3793590 (B2)
 EP0691407 (A1)
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A61K9/00M3; A61K9/00M5;
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C12P19/18; C12P19/24

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Abstract of JP 8073504 (A)

PURPOSE: To obtain a nonreducing sugar having a trehalose structure at the molecular end and another one having a trehalose structure inside the molecule both in high yield.

CONSTITUTION: A nonreducing sugar or a low-reducing sugar contg. the same is produced by treating a soln. prepd. by liquefying starch with a nonreducing sugar synthase and a starch debranching enzyme and/or cyclomaltodextrin glucanotransferase or with a nonreducing sugar synthase, a trehalose liberating enzyme, and a starch debranching enzyme and/or cyclodextrin glucanotransferase.

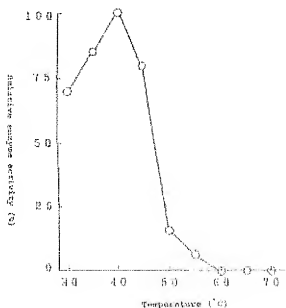


FIG.1

Data supplied from the **esp@cenet** database — Worldwide